

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gang Huang, *et al.*

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Title: SYSTEM AND METHOD FOR RECOGNIZING ZERO-AMPLITUDE SYMBOLS IN A QAM SIGNAL AND DIGITAL RECEIVER INCORPORATING THE SAME

Grp./A.U.: 2611

Examiner: Sudhanshu C. Pathak

Confirmation No.: 9912

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450I hereby certify that this correspondence is being electronically  
filed with United States Patent and trademark Office on:  
November 15, 2006 (Date)Debbie Sams  
(Printed or typed name of person signing the certificate)/Debbie Sams/  
(Signature of the person signing the certificate)

Sir:

**PRELIMINARY AMENDMENT SUBMITTED WITH RCE UNDER 37 C.F.R. §1.114(c)**

Before continuing examination of the above-identified application, please refer to the below arguments and amend the claims as indicated.